

5th Grade California Science Standards Alignment

Lesson	Strand/Standard	Standard text
2	Physical Science 1. g	Elements and their combinations account for all the varied types of matter in the world. As a basis for understanding this concept: Students know properties of solid, liquid, and gaseous substances, such as sugar (C ₆ H ₁₂ O ₆), water (H ₂ O), helium (He), oxygen (O ₂), nitrogen (N ₂), and carbon dioxide (CO ₂).
2	Earth Science 3. a-c, e	Water on Earth moves between the oceans and land through the processes of evaporation and condensation. As a basis for understanding this concept: a. Students know most of Earth's water is present as salt water in the oceans, which cover most of Earth's surface. b. Students know when liquid water evaporates, it turns into water vapor in the air and can reappear as a liquid when cooled or as a solid if cooled below the freezing point of water. c. Students know water vapor in the air moves from one place to another and can form fog or clouds, which are tiny droplets of water or ice, and can fall to Earth as rain, hail, sleet, or snow. e. Students know the origin of the water used by their local communities.
1	Earth Science 3. d	d. Students know that the amount of fresh water located in rivers, lakes, under-ground sources, and glaciers is limited and that its availability can be extended by recycling and decreasing the use of water.
All lessons	Investigation and Experimentation 6. g-i	6. Scientific progress is made by asking meaningful questions and conducting careful investigations. As a basis for understanding this concept and addressing the content in the other three strands, students should develop their own questions and perform investigations. Students will: g. Record data by using appropriate graphic representations (including charts, graphs, and labeled diagrams) and make inferences based on those data. h. Draw conclusions from scientific evidence and indicate whether further information is needed to support a specific conclusion. i. Write a report of an investigation that includes conducting tests, collecting data or examining evidence, and drawing conclusions.